

Amendments to the Specification

Please replace the paragraph (in the substitute specification filed on November 16, 2006) beginning at page 5, line 23, with the following rewritten paragraph:

Main-shaft section 27 of crankshaft 24 has bottom hole 38 at its lower end. Cap 41 has throttle section 40 at its lower end and is press-fit into main-shaft section 27. Suction hole 39 is prepared at the center of throttle section 40. In main-shaft section 27, slant path 42 extends slantingly and upward from bottom hole 38 such that the center of throttle section 40 is included within the inner wall of path 42, which forms a hollow cylinder. Path 42 is placed such that its upper end reaches a lower section of main bearing 31 and approaches the outer wall of crankshaft 24. As shown in Fig. 2, suction hole 39 has a diameter smaller than a diameter of the hollow cylinder of path 42.

Please replace the paragraph (in the substitute specification filed on November 16, 2006) beginning at page 6, line 4, with the following rewritten paragraph:

Main-shaft section 27 has spiral pumps 43A, 43B engraved on its outer wall. The pumps include a leading grooves running counter to each other and forming helical grooves. Pumps 43A and 43B communicate with slant path 42 at communicating section 44 provided at a lower section of the main shaft. Sections other than communicating section 44 are disposed such that they are independent of each other and free from crossing with each other.